

HARVARD

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INDUSTRIAL PRODUCTION FOR THE FIRST FOUR
MONTHS OF 1984

<u>Product</u>	<u>April 1984</u>	<u>Jan.- April 1984</u>	<u>% Jan. - April 1984 over Jan- April 1983</u>
Electricity (bil.kw.hrs)	121	528	107
Petroleum(incl. gas condensate) (mil. tons)	50.9	204	99.9
Natural gas (bil.cu.mtrs)	47.6	194	109
Coal(mil.tons)	60.7	246	99.7
Steel(mil.tons)	12.7	51.9	102
Fertilizer (mil. tons)	2.6	10.3	104
Metal-cutting tools (mil. rubles)	195	789	110
Robots(1000s)	0.9	4.1	166
Computer tech (bil. rubles)	0.3	1.2	113
Tractors (million horse power)	4.3	17.0	102
Paper(1000 tons)	2.6	10.7	106
Cement (mil. tons)	10.9	42.8	102
Meat (mil. tons)	0.6	3.1	109
Margarine (1000 tons)	131	540	100.7
Watches (mils)	5.6	22.6	97
Radios (mils)	0.8	3.1	102

Television sets (millions)	0.7	3.0	105
Automobiles (1000s)	112	447	102

INDUSTRIAL PRODUCTION FOR THE FIRST QUARTER OF
1984

The main focus of attention in the monthly production figures is oil. According to Soviet statistics, production in April 1984 of 50.9 million tons of petroleum and gas condensate was exactly equal to what was produced in April 1983. That is the clearest indication yet that the Soviets seem to have arrested their decline in oil production. For the four months as a whole, the Russians indicate that production is down a fraction. As a letter from Ted Shabad in this Newsletter indicates, that is probably due to rounding. In other words, the officially reported figure for January - April 1984 is 204 million tons, again equal to what was reported for the comparable period in 1983. Thus the fact that they indicate that it's less than 100% suggests that some of the figures have been rounded.

As for other sectors of industry, it is hard to measure precisely but it looks like economic growth has leveled out a bit. Thus while the rate of growth of electricity and petroleum production is higher than it was a year ago, the Russians do seem to be developing some problems in some of their other industrial sector. For example, coal production for the month of April is down, as is steel, margarine and watch production. The drop so far is not a serious one, but it does suggest some slight slippage under Chernenko.

It will be very interesting to see what happens in the future to the livestock herds. So far most of the livestock numbers have been increasing. However, reports of a very serious drought in the Soviet Union may begin to have some impact, and it may very well be that we will see a drop in livestock herds in the future.

-2- The currency exchange figures released by Gosplan for May 1984 reveal that all currencies, with the exception of the U.S. dollar and the Japanese yen, have experienced a decrease both over the last month and the last year. The U.K. pound over the last month has remained the same.

DEPARTMENT OF COMMERCE REPORT ON
US - SOVIET TRADE

The Department of Commerce reports that for the first quarter of 1984 the Soviets imported 31 million dollars worth of petroleum to the United States. That compares with no imports for the comparable period of 1983. It looks therefore like total exports of petroleum to the United States for the year as a whole will more than exceed the overall figure for 1983, which was about 56 million dollars worth of petroleum.

As for American exports to the Soviet Union, it is noteworthy that American corn exports to the Soviet Union more than doubled during the first quarter of 1984, compared to 1983. At the same time, wheat exports were almost half of what they had been.

The leading American import from the Soviet Union continues to be anhydrous ammonia, and the leading export by value for the first quarter was corn.

Finally, the most important thing is that during this time of tension imports from the Soviet Union nonetheless increased, as did American exports. However as imports doubled, exports increased by a relatively smaller percentage. The increase in American exports was primarily cotton and corn.

see pages

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THE RUSSIAN RESEARCH CENTER



1984

CURRENCY FIGURES

Rubles purchased per 100	May 1983	April 1984	May 1984
Austrian shilling	4.21	4.19	4.15
U.K. pound	113.59	111.60	111.60
W. German mark	29.64	29.39	29.14
U.S. dollar	72.30	79.60	80.45
French franc	9.87	9.58	9.45
Japanese yen	.312	.351	.348
Italian lira	.0498	.0475	.0472
Swiss franc	35.66	35.58	35.26

Reprint of a letter sent from Ted Shabad, Editor,
Soviet Geography

May 15, 1984

Dear Marshall,

With reference to the petroleum and coal figures for the first quarter of 1984 (Newsletter, Vol. VIII, No. 9), it may be safer to assume that the figures are rounded to the nearest million, as shown in the original Soviet report, rather than add a zero decimal, as shown in the Newsletter version.

In the case of oil, a rounded first-quarter output of 153 million tons for both 1983 and 1984 is consistent with a 99.8% change, as shown in the Soviet report. The first quarter of 1983 could have been, for example, 152.9 million tons, and the first quarter of 1984 152.6 million tons, which works out to 99.8% of the 1983 figure. Both would be rounded to 153 million tons.

In the case of coal, similarly, the first quarter of 1983 could have been 185.9 million tons and the first quarter of 1984, 185.5 million tons, which works out to 99.8% of the 1983 figure. Both first-quarter figures can be rounded to 186 million tons of coal.

As always a faithful reader,

Theodore Shabad.

CORPORATE SPONSOR SEMINARS++++

We are now beginning to plan for our fall series of Corporate Sponsor Seminars. The first one is scheduled for September 24, Monday, and will be held at the Harvard Faculty Club. It will be our third annual background conference for journalists. We hope to be able to announce the program shortly, but it will be much the on the order of the two previous programs. Again, it will be intended primarily for journalists. // // The second conference is scheduled for Monday, October 22, also at the Harvard Faculty Club. This will be our fourth look at energy in the Soviet Union. You might want to mark your calendars for both meetings.

05/03/84
18:35:51

All items in U.S. domestic exports to USSR,
1981, 1982, 1983, January-March 1983, and January-March 1984

(In thousands of dollars; f.a.s. value)

Ag Code Number	Description	1981	1982	1983	January-March--	
					1983	1984
Agr	Agricultural-----	1,664,986	1,855,415	1,457,090	558,360	601,928
Nonagr	Non-agricultural-----	673,832	733,560	544,861	106,974	111,102
	Total-----	2,338,818	2,588,975	2,001,951	665,334	713,030
	Total, all items exported to USSR-----	2,338,818	2,588,975	2,001,951	665,334	713,030

Source: Compiled from official statistics of the U.S. Department of Commerce.

05/03/84
18:26:18

All items in U.S. domestic exports to USSR,
1981, 1982, 1983, January-March 1983, and January-March 1984

(In thousands of dollars; f.a.s. value)

SITC Number	Description	1981	1982	1983	January-March--	
					1983	1984
0	Food & live animals-----	1,600,140	1,642,161	1,194,978	546,497	516,957
1	Beverages & tobacco-----	400	2,979	874	72	0
2	Crude mat'l--inedible, not fuel--	59,350	214,249	264,583	3,066	71,094
3	Mineral fuels, lubricants, etc--	62,840	90,013	27,571	8,016	10,194
4	Oils & fats--animal & veg prod--	56,089	40,565	21,507	8,798	20,983
5	Chemicals-----	180,220	287,846	239,398	44,918	37,532
6	Man'd goods by chief material---	32,871	25,961	27,729	5,489	4,012
7	Machinery & transport equip-----	300,814	225,458	149,452	32,234	36,067
8	Miscellaneous man'd articles-----	45,371	59,129	76,422	16,021	15,714
9	Commodities & transactions nec--	722	614	2,419	222	478
	Total-----	2,338,818	2,588,975	2,001,951	665,334	713,030
	Total, all items exported to USSR-----	2,338,818	2,588,975	2,001,951	665,334	713,030

Source: Compiled from official statistics of the U.S. Department of Commerce.

05/04/84
19:21:39

All items in U.S. imports for consumption from USSR,
1981, 1982, 1983, January-March 1983, and January-March 1984

(In thousands of dollars; customs value)

SITC Number	Description	1981	1982	1983	January-March--	
					1983	1984
0	Food & live animals-----	2,675	5,236	17,488	1,991	6,185
1	Beverages & tobacco-----	8,446	9,941	11,744	2,947	1,504
2	Crude mat'l--inedible, not fuel--	17,820	9,511	11,481	3,368	5,502
3	Mineral fuels, lubricants, etc--	106,795	10,356	55,968	0	31,164
4	Oils & fats--animal & veg prod--	19	5	1	0	0
5	Chemicals-----	93,509	117,307	144,417	45,350	56,612
6	Man'd goods by chief material---	100,241	60,555	88,031	11,712	29,419
7	Machinery & transport equip-----	2,387	1,579	3,382	542	723
8	Miscellaneous man'd articles-----	2,860	9,053	6,259	504	2,327
9	Commodities & transactions nec---	22,673	5,230	2,322	394	417
	Total-----	357,424	228,792	341,093	66,802	133,852
	Total, all items imported					
	from USSR-----	357,424	228,792	341,093	66,802	133,852

Source: Compiled from official statistics of the U.S. Department of Commerce.

05/03/84
18:03:22

Leading items in U.S. domestic exports to USSR in January-March 1984,
1981, 1982, 1983, January-March 1983, and January-March 1984

(In thousands of dollars; f.a.s. value)

Sched B Number	Description	1981	1982	1983	January-March--	
					1983	1984
1303465	Yellow corn, not donated for r--	781,675	818,768	390,915	113,622	281,002
1306540	Wheat, unmilled, not donated f--	772,563	802,182	800,584	432,429	235,788
3001060	Cotton, not carded, not combed--	0	67	61,338	0	43,326
4807025	Phosphoric acid, 65% or more a--	166,002	268,485	214,810	40,249	32,781
1754100	Soybeans, except seed for plan--	8,432	171,264	157,162	0	14,039
7905510	Pressure sensitive tape with a--	19,692	36,095	58,650	11,757	13,009
1775640	Tallow, inedible-----	48,509	17,887	21,505	8,798	11,856
1762520	Linseed oil, crude-----	6,080	0	0	0	9,127
6640586	Parts, nspf, of boring and dri--	156	20,003	12,978	7,108	7,435
1201400	Cattle hides, whole-----	0	0	10,575	2,988	6,602
4754555	Insulating or transformer oils--	16,139	27,928	13,923	5,634	5,243
3175120	Petroleum coke, calcined-----	33,055	34,269	3,125	1,725	4,950
4461561	Synthetic rubber, not containi--	0	0	8,191	0	3,134
6605460	Parts, nspf, of industrial gas--	360	23	17,144	928	2,855
6640591	Parts, nspf, of earth-moving a--	2,189	1,947	5,166	1,198	2,673
6923840	Parts, nspf, of tractors, exce--	35,387	17,195	14,628	6,075	2,615
6923820	Parts, nspf, of tracklaying tr--	48,538	25,651	16,220	764	2,599
6640513	Drilling and boring machines,--	0	1,512	1,757	454	2,252
6016100	Zinc ore-----	0	0	0	0	2,235
6603040	Parts, nspf, of steam turbines--	12	1,946	1,943	0	1,896
3094222	Rayon fibers in noncontinuous--	0	0	6,176	0	1,667
4922985	Parts, nspf, of motor vehicles--	4,074	5,721	1,675	17	1,644
3382600	Fabrics, woven, of manmade fib--	8,305	6,841	6,960	1,986	1,603
6783512	Fire-building machines, includ--	4,732	0	0	0	1,198
6055660	Platinum products, nspf, not r--	0	0	0	0	1,127
6619880	Parts, nspf, of filtering and--	1,368	1,777	1,920	278	1,081
4868900	Herbicide preparations, nspf--	3,004	0	693	0	1,057
6605445	Parts of compression-ignition--	1,139	2,844	2,011	627	692
5176100	Electrodes, carbon or graphite--	423	1,569	1,197	579	683
4744160	Industrial varnishes-----	1,184	2,220	3,362	420	659
	Total-----	1,963,019	2,266,193	1,834,607	637,635	646,830
	Total, all items exported					
	to USSR-----	2,338,818	2,588,975	2,001,951	665,334	713,030

Source: Compiled from official statistics of the U.S. Department of Commerce.

05/04/84
19:16:35

Leading items in U.S. imports for consumption from USSR in January-March 1984,
1981, 1982, 1983, January-March 1983, and January-March 1984

(In thousands of dollars; customs value)

TSUSA Number	Description	1981	1982	1983	January-March--	
					1983	1984
4806540	Anhydrous ammonia-----	78,414	88,763	85,722	26,186	33,326
4751015	Light fuel oils a tcr 25deg-----	80,706	0	48,913	0	31,164
4803000	Urea, nspf-----	0	10,434	38,913	15,197	19,229
6050260	Palladium, palladium-----	31,142	24,836	41,849	5,634	18,430
6050750	Palladium bars plates etc-----	2,815	1,685	4,343	571	5,883
1143000	Crabs fresh chilled frozen-----	0	2,107	12,790	1,497	5,644
1241045	Sable furskins, whole, raw-----	8,120	7,164	7,803	2,879	3,570
4805000	Potassium chloride or-----	0	4,600	4,134	2,288	2,345
7650300	Paintings, pastels, drawings-----	96	115	3,102	53	1,904
6063546	Ferrosilicon cont ovr 30%-----	0	0	2,804	0	1,319
6050710	Platinum bars,plts sheets nt-----	1,413	1,197	2,356	220	1,319
1693800	Vodka in containers not over-----	5,799	7,173	9,883	2,525	1,209
4800500	Limestone for fertilizer-----	0	0	2,210	0	1,205
4017415	Ortho-xylene-----	0	0	0	0	889
2452020	Hardboard, not face finished-----	1,977	1,569	1,359	228	552
6050220	Platinum sponge platinum-----	4,626	3,961	3,003	605	422
6181600	Aluminum waste a scrap-----	2,996	0	0	0	422
4209800	Sodium chromate and-----	78	712	1,013	424	342
1133000	Sturgeon roe frsh, chilled,-----	1,203	1,022	788	218	324
6050760	Rhodium bars plates etc-----	0	332	1,478	0	308
7662560	Antiques nspf-----	485	526	1,005	130	272
6876610	Electronic receiving-----	0	275	452	173	269
6200300	Unwrought nickel-----	37,776	12,182	19,268	1,132	268
1693700	Vodka in containers not over-----	1,406	2,173	1,220	308	227
4230030	Rare-earth oxides except-----	896	1,144	1,237	378	203
6052020	Gold bullion, refined-----	21,368	1,493	1,438	264	193
6923406	Tractors, wheel ex gdrn new-----	1,017	7	735	224	187
6050270	Rhodium, rhodium content-----	3,475	3,475	2,105	563	183
7711000	Rubber waste and scrap-----	0	0	229	0	158
2451000	Hardboard, n/face-finished-----	29	436	731	0	143
	Total-----	285,837	177,382	300,887	61,698	131,708
	Total, all items imported from USSR-----	357,424	228,792	341,093	66,802	133,852

Source: Compiled from official statistics of the U.S. Department of Commerce.